

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD093024\  
 Data File : PD085821.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Oct 2024 02:51  
 Operator : AR\AJ  
 Sample : P4019-07DL 4X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 30 21:32:37 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092724CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 27 15:18:30 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

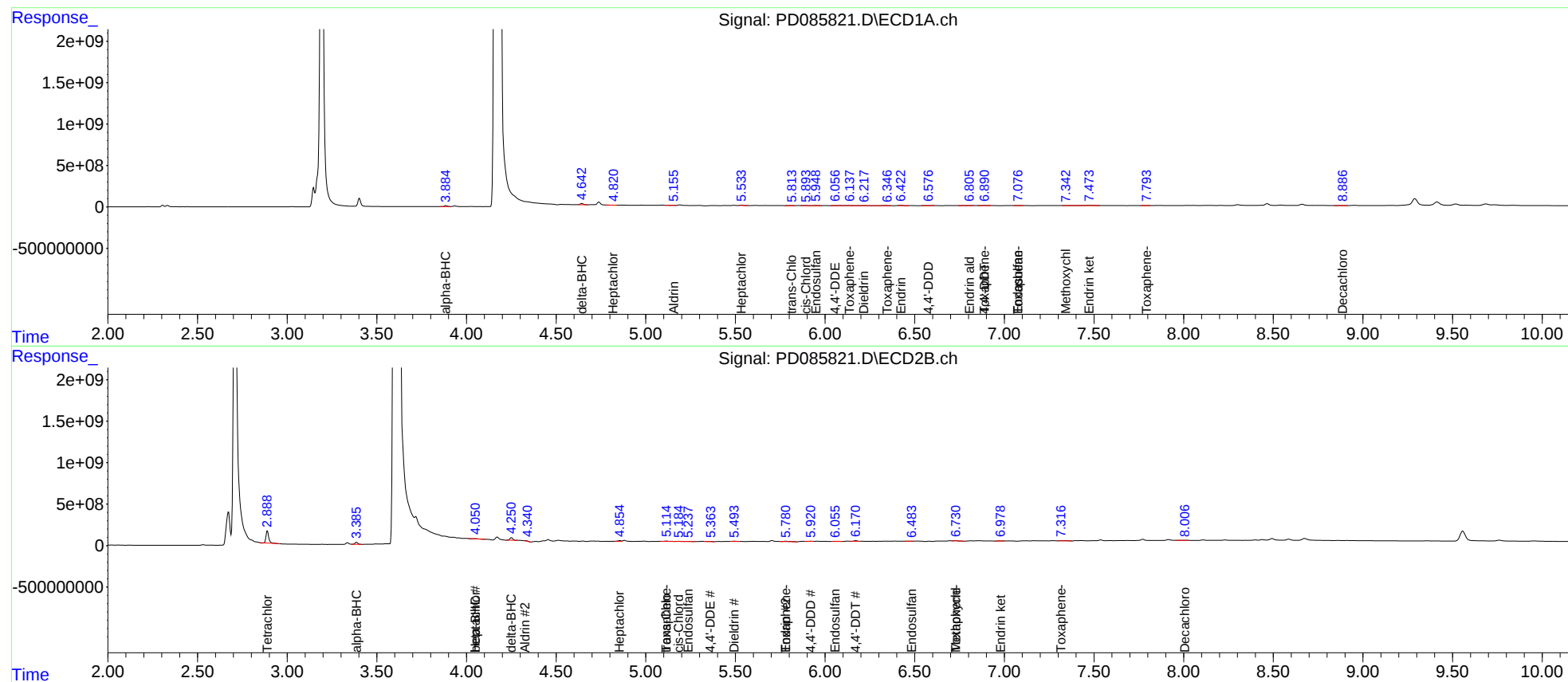
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 0.000  | 2.889  | 0        | 1565.6E6 | N.D.    | 369.767    |
| 27)                         | SA Decachlor... | 8.886  | 8.007f | 1906215  | 22184366 | 1.293   | 5.738 #    |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.885  | 3.387  | 127.9E6  | 264.7E6  | 70.303  | 40.989 #   |
| 4)                          | MA Heptachlor   | 4.819  | 4.050  | 4153947  | 24041771 | 2.430   | 4.021 #    |
| 5)                          | MB Aldrin       | 5.156  | 4.328f | 10273927 | 68358326 | 6.109   | 11.485 #   |
| 6)                          | B beta-BHC      | 0.000  | 4.050f | 0        | 24041771 | N.D.    | 8.990      |
| 7)                          | B delta-BHC     | 4.644  | 4.251  | 185.6E6  | 366.2E6  | 104.872 | 61.425 #   |
| 8)                          | B Heptachlo...  | 5.534  | 4.855  | 64225593 | 107.7E6  | 41.072  | 19.640 #   |
| 9)                          | A Endosulfan I  | 5.950  | 5.239  | 23027520 | 27099332 | 15.403  | 5.290 #    |
| 10)                         | B trans-Chl...  | 5.814  | 5.116  | 10416926 | 58739534 | 6.980   | 10.851 #   |
| 11)                         | B cis-Chlor...  | 5.892  | 5.185  | 4928422  | 36948046 | 3.160   | 6.685 #    |
| 12)                         | B 4,4'-DDE      | 6.058  | 5.361  | 18464255 | 29087972 | 13.608  | 5.846 #    |
| 13)                         | MA Dieldrin     | 6.219  | 5.494  | 5987660  | 49904179 | 3.668   | 8.832 #    |
| 14)                         | MA Endrin       | 6.423  | 5.780  | 53104654 | 94003712 | 44.227  | 20.946 #   |
| 15)                         | B Endosulfa...  | 6.687f | 6.057  | -9165826 | 54515292 | N.D.    | 11.869     |
| 16)                         | A 4,4'-DDD      | 6.579  | 5.921  | 17159971 | 6495915  | 15.576  | 1.528 #    |
| 17)                         | MA 4,4'-DDT     | 6.891  | 6.172  | 11577144 | 70424727 | 10.417  | 16.112 #   |
| 18)                         | B Endrin al...  | 6.807  | 6.237  | 5347336  | -2114242 | 5.135   | N.D. #     |
| 19)                         | B Endosulfa...  | 7.078f | 6.484  | 10463738 | 1689287  | 8.098   | 0.403 #    |
| 20)                         | A Methoxychlor  | 7.346  | 6.730  | 3872704  | 17515453 | 6.171   | 8.310 #    |
| 21)                         | B Endrin ke...  | 7.474  | 6.980  | 75869434 | 18048052 | 54.203  | 3.384 #    |
| 22)                         | Toxaphene-1     | 6.138  | 5.116  | 3477000  | 58739534 | 363.174 | 1909.021 # |
| 23)                         | Toxaphene-2     | 6.346f | 5.780f | 10999546 | 94003712 | 738.381 | 2947.429 # |
| 24)                         | Toxaphene-3     | 6.891  | 6.730  | 11577144 | 17515453 | 297.300 | 161.725 #  |
| 25)                         | Toxaphene-4     | 7.078f | 7.196  | 10463738 | -8526893 | 371.433 | N.D. #     |
| 26)                         | Toxaphene-5     | 7.792  | 7.318  | 13177158 | 89062627 | 597.871 | 1666.370 # |
| -----                       |                 |        |        |          |          |         |            |

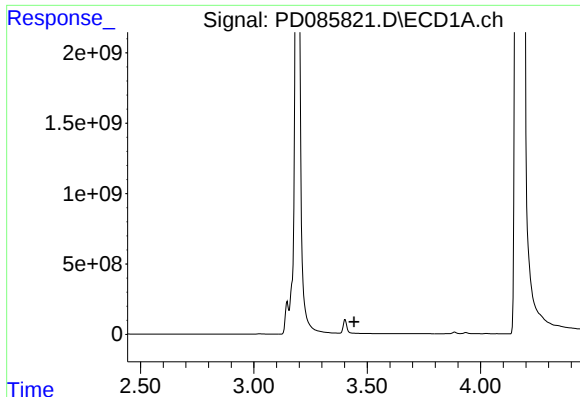
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD093024\  
Data File : PD085821.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Oct 2024 02:51  
Operator : AR\AJ  
Sample : P4019-07DL 4X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 30 21:32:37 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092724CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 27 15:18:30 2024  
Response via : Initial Calibration  
Integrator: ChemStation

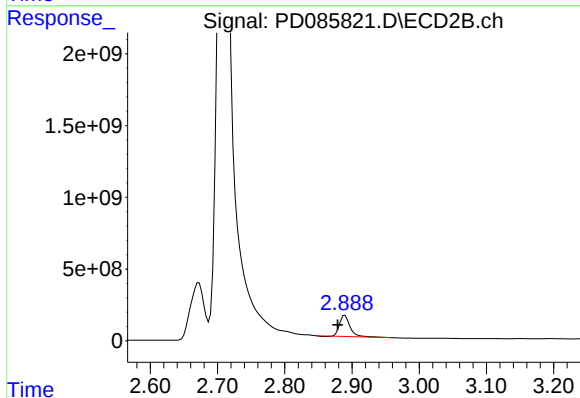
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





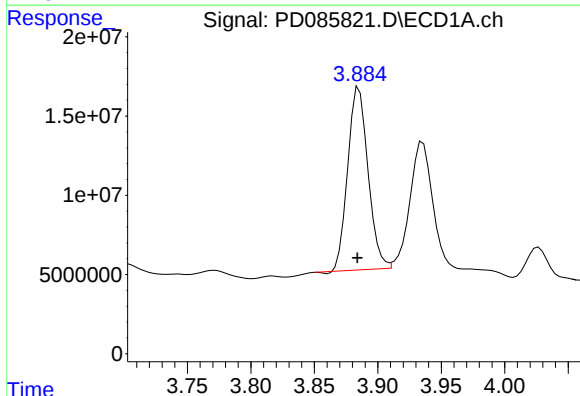
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T. : 3.442 min  
Response: 0  
Conc: N.D.



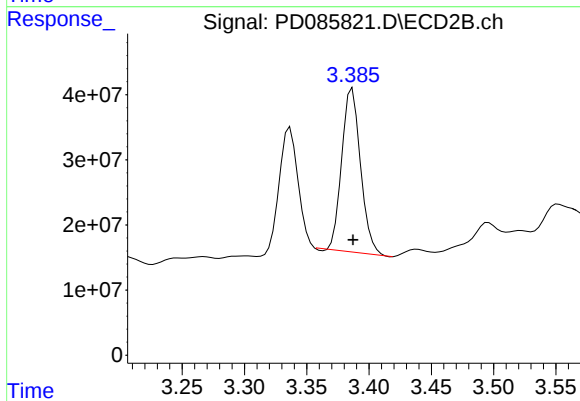
#1 Tetrachloro-m-xylene

R.T.: 2.889 min  
Delta R.T.: 0.011 min  
Response: 1565615261  
Conc: 369.77 ng/ml



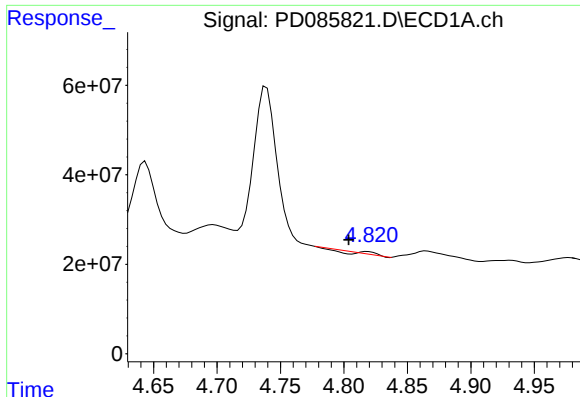
#2 alpha-BHC

R.T.: 3.885 min  
Delta R.T.: 0.001 min  
Response: 127948060  
Conc: 70.30 ng/ml



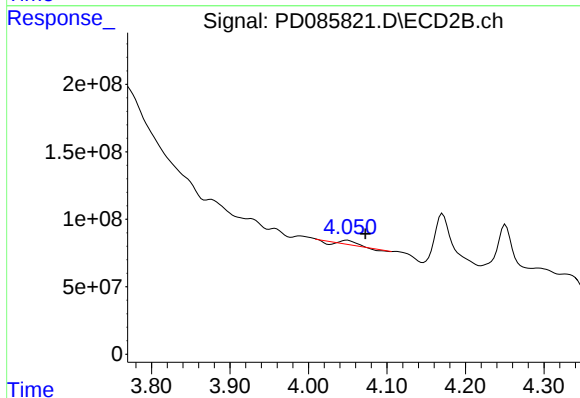
#2 alpha-BHC

R.T.: 3.387 min  
Delta R.T.: 0.000 min  
Response: 264743551  
Conc: 40.99 ng/ml



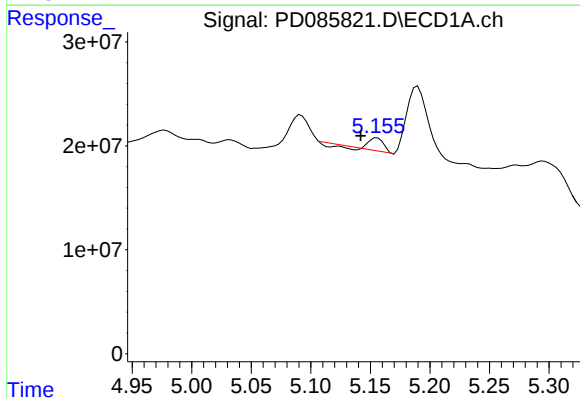
#4 Heptachlor

R.T.: 4.819 min  
Delta R.T.: 0.015 min  
Response: 4153947  
Conc: 2.43 ng/ml



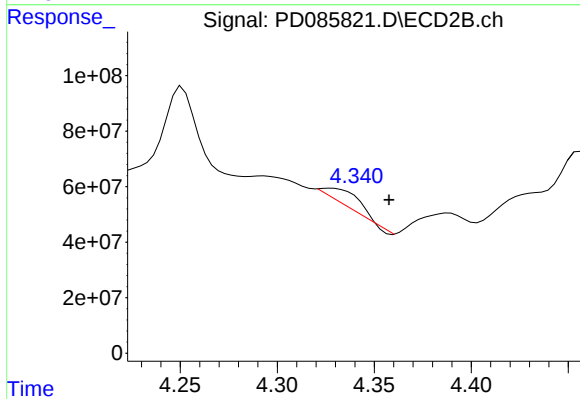
#4 Heptachlor

R.T.: 4.050 min  
Delta R.T.: -0.023 min  
Response: 24041771  
Conc: 4.02 ng/ml



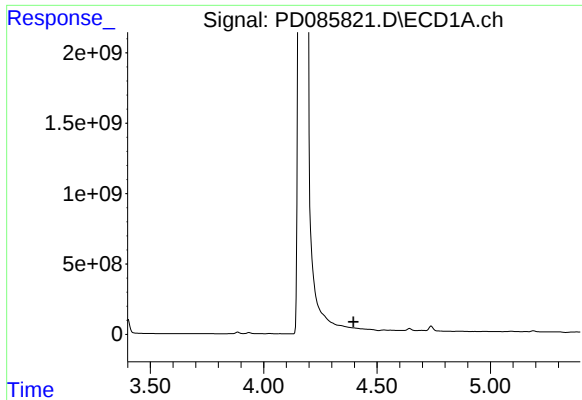
#5 Aldrin

R.T.: 5.156 min  
Delta R.T.: 0.014 min  
Response: 10273927  
Conc: 6.11 ng/ml



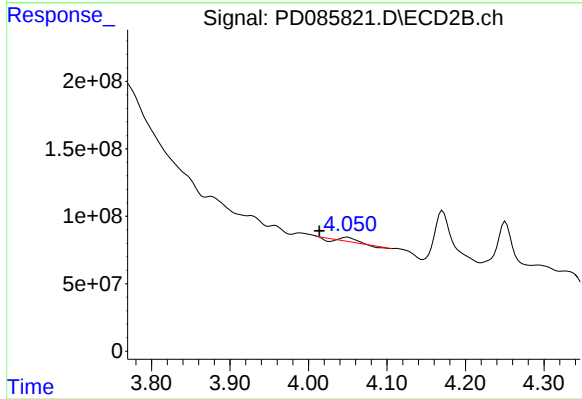
#5 Aldrin

R.T.: 4.328 min  
Delta R.T.: -0.030 min  
Response: 68358326  
Conc: 11.49 ng/ml



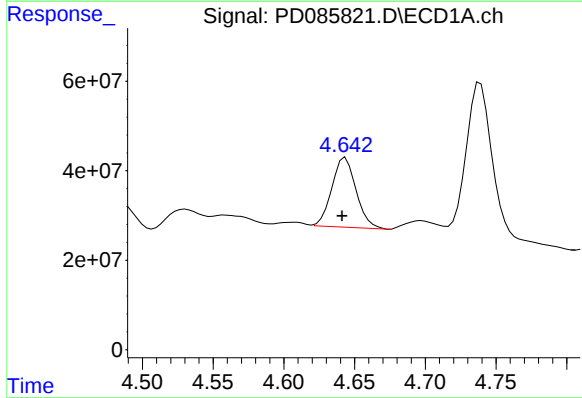
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.396 min  
Response: 0  
Conc: N.D.



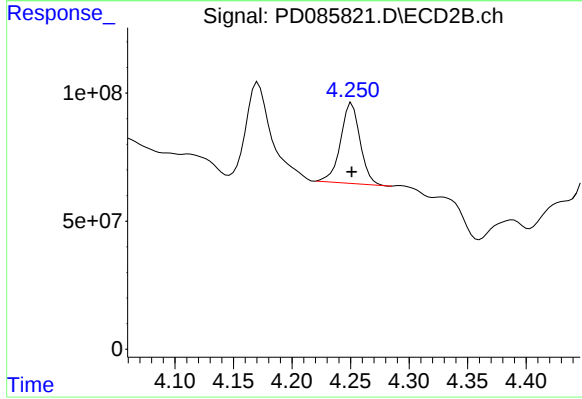
#6 beta-BHC

R.T.: 4.050 min  
Delta R.T.: 0.036 min  
Response: 24041771  
Conc: 8.99 ng/ml



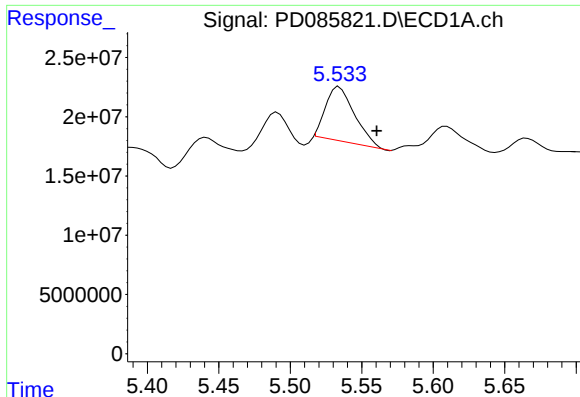
#7 delta-BHC

R.T.: 4.644 min  
Delta R.T.: 0.002 min  
Response: 185620114  
Conc: 104.87 ng/ml



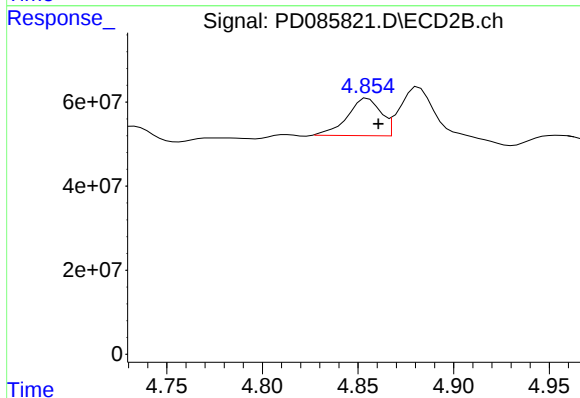
#7 delta-BHC

R.T.: 4.251 min  
Delta R.T.: 0.000 min  
Response: 366221238  
Conc: 61.43 ng/ml



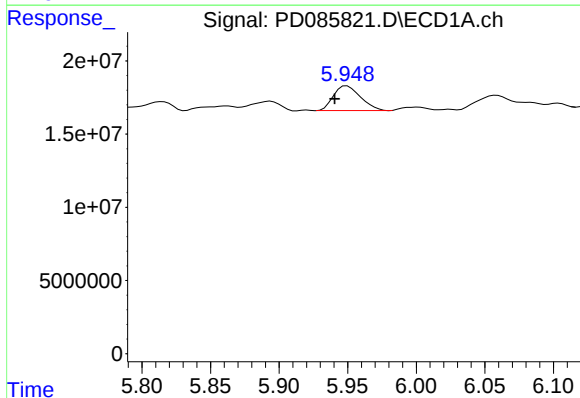
#8 Heptachlor epoxide

R.T.: 5.534 min  
Delta R.T.: -0.026 min  
Response: 64225593  
Conc: 41.07 ng/ml



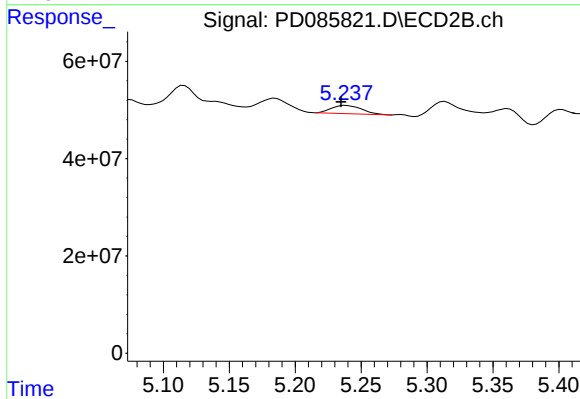
#8 Heptachlor epoxide

R.T.: 4.855 min  
Delta R.T.: -0.005 min  
Response: 107712545  
Conc: 19.64 ng/ml



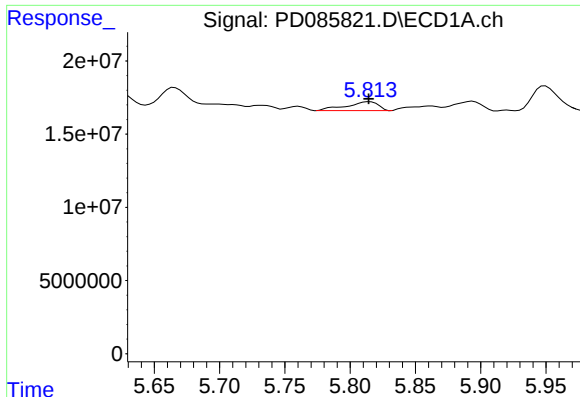
#9 Endosulfan I

R.T.: 5.950 min  
Delta R.T.: 0.009 min  
Response: 23027520  
Conc: 15.40 ng/ml



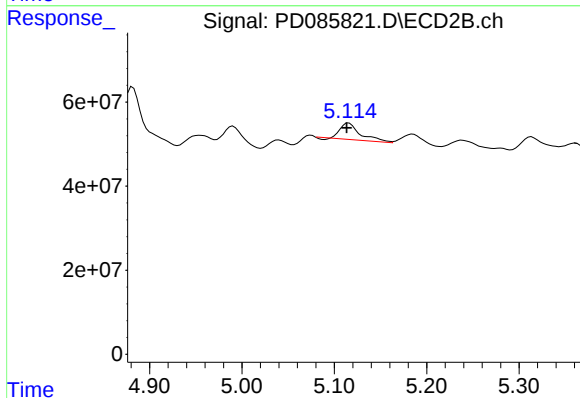
#9 Endosulfan I

R.T.: 5.239 min  
Delta R.T.: 0.004 min  
Response: 27099332  
Conc: 5.29 ng/ml



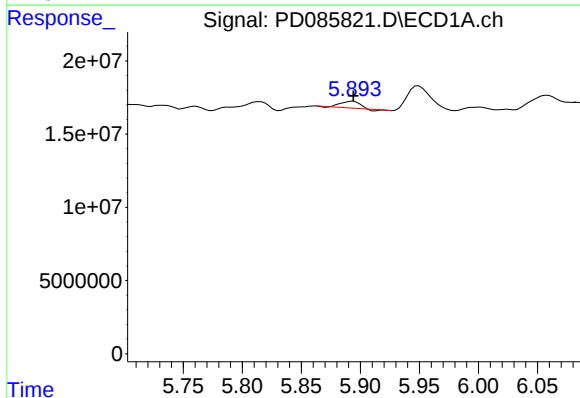
#10 trans-Chlordane

R.T.: 5.814 min  
Delta R.T.: 0.000 min  
Response: 10416926  
Conc: 6.98 ng/ml



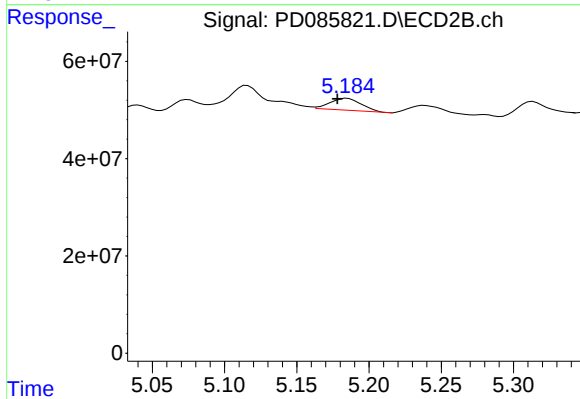
#10 trans-Chlordane

R.T.: 5.116 min  
Delta R.T.: 0.002 min  
Response: 58739534  
Conc: 10.85 ng/ml



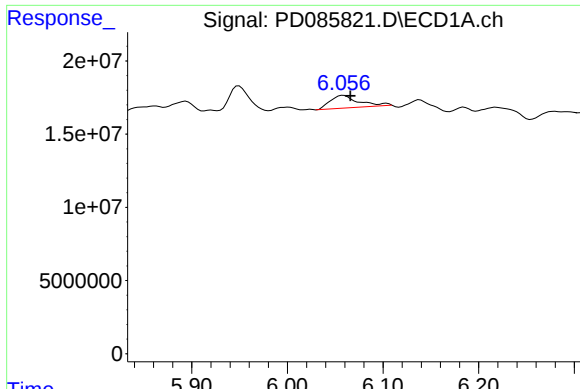
#11 cis-Chlordane

R.T.: 5.892 min  
Delta R.T.: -0.002 min  
Response: 4928422  
Conc: 3.16 ng/ml



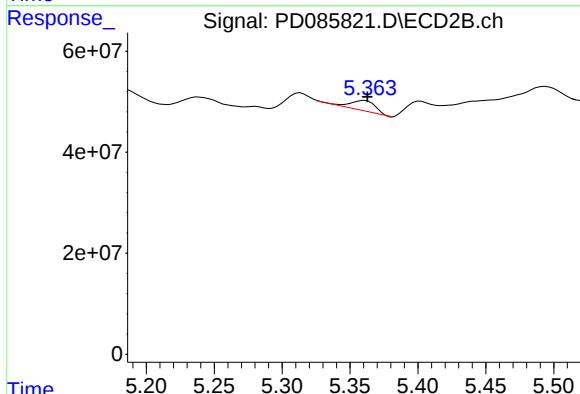
#11 cis-Chlordane

R.T.: 5.185 min  
Delta R.T.: 0.007 min  
Response: 36948046  
Conc: 6.69 ng/ml



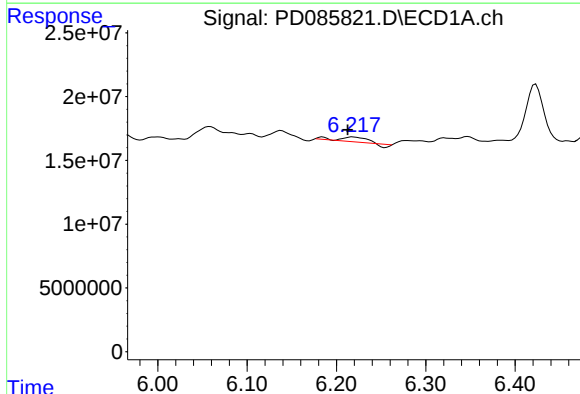
#12 4,4'-DDE

R.T.: 6.058 min  
Delta R.T.: -0.007 min  
Response: 18464255  
Conc: 13.61 ng/ml



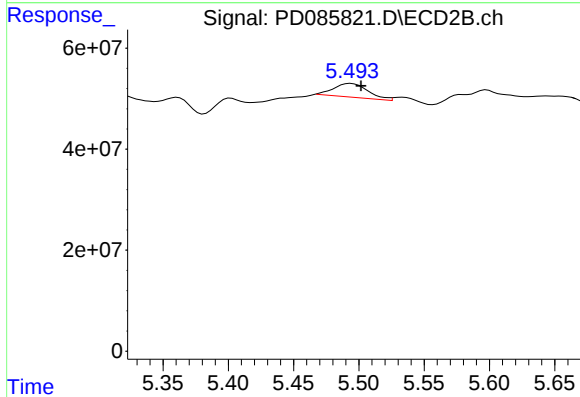
#12 4,4'-DDE

R.T.: 5.361 min  
Delta R.T.: -0.002 min  
Response: 29087972  
Conc: 5.85 ng/ml



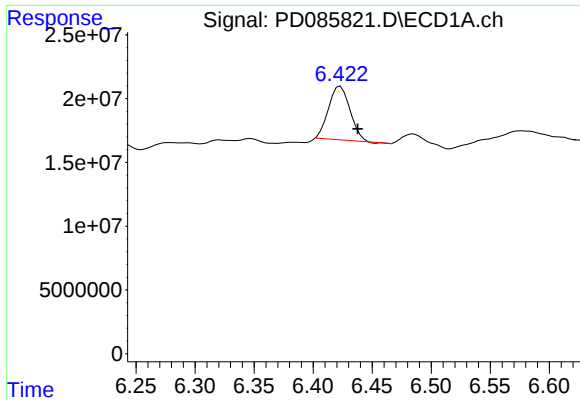
#13 Dieldrin

R.T.: 6.219 min  
Delta R.T.: 0.007 min  
Response: 5987660  
Conc: 3.67 ng/ml



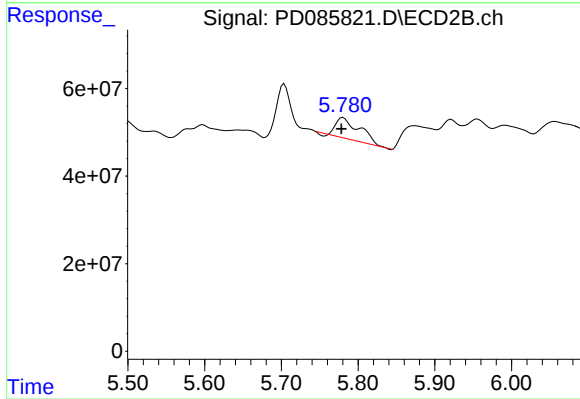
#13 Dieldrin

R.T.: 5.494 min  
Delta R.T.: -0.008 min  
Response: 49904179  
Conc: 8.83 ng/ml



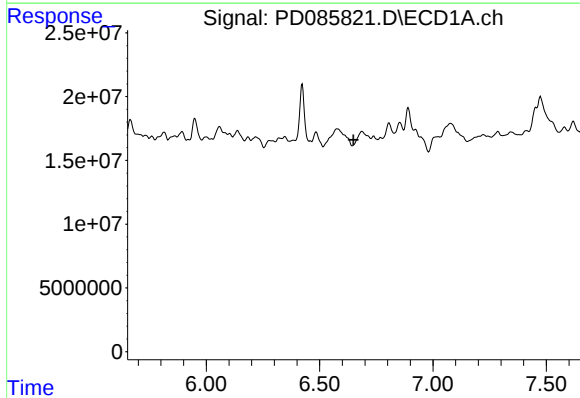
#14 Endrin

R.T.: 6.423 min  
Delta R.T.: -0.015 min  
Response: 53104654  
Conc: 44.23 ng/ml



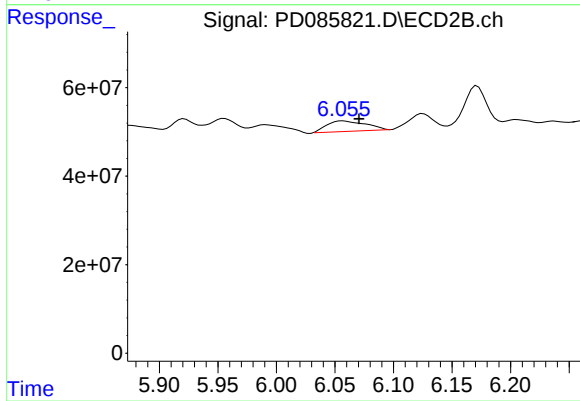
#14 Endrin

R.T.: 5.780 min  
Delta R.T.: 0.002 min  
Response: 94003712  
Conc: 20.95 ng/ml



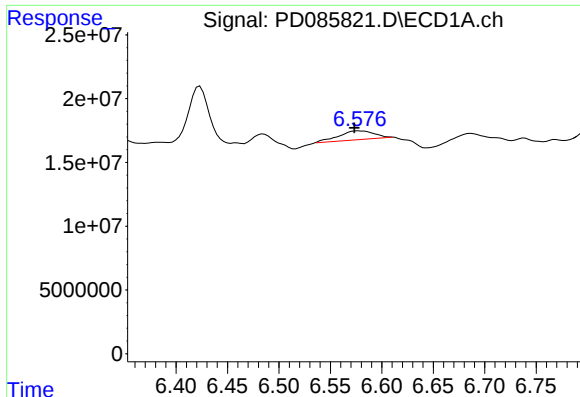
#15 Endosulfan II

R.T.: 6.687 min  
Delta R.T.: 0.037 min  
Response: -9165826  
Conc: N.D.



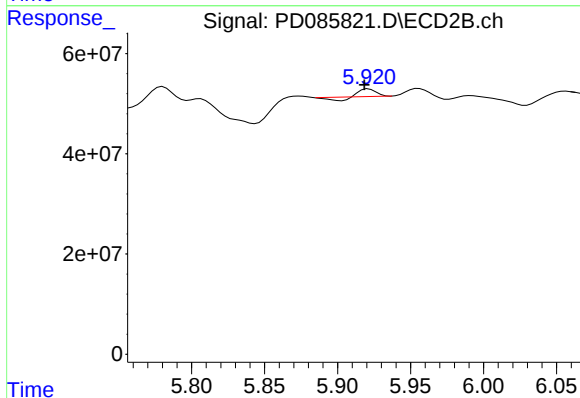
#15 Endosulfan II

R.T.: 6.057 min  
Delta R.T.: -0.014 min  
Response: 54515292  
Conc: 11.87 ng/ml



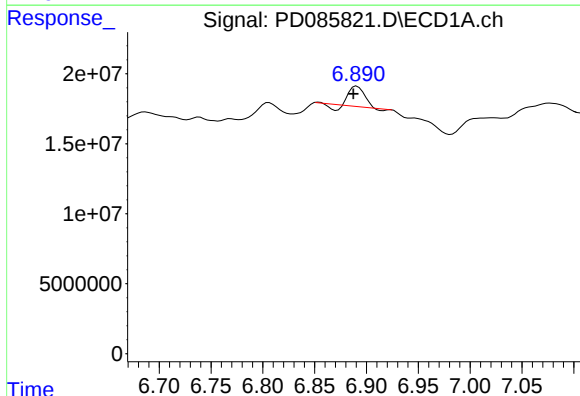
#16 4,4'-DDD

R.T.: 6.579 min  
Delta R.T.: 0.005 min  
Response: 17159971  
Conc: 15.58 ng/ml



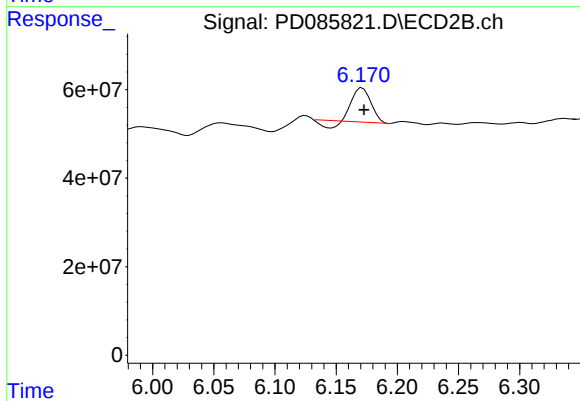
#16 4,4'-DDD

R.T.: 5.921 min  
Delta R.T.: 0.003 min  
Response: 6495915  
Conc: 1.53 ng/ml



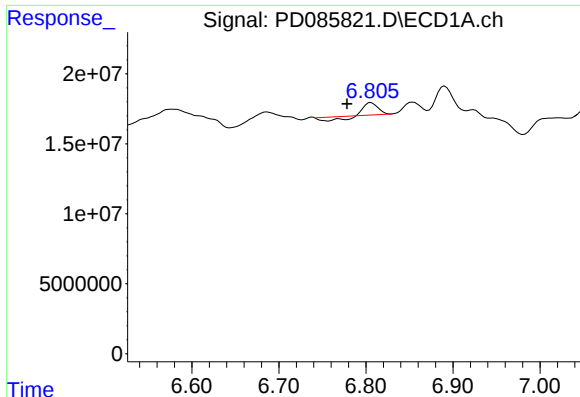
#17 4,4'-DDT

R.T.: 6.891 min  
Delta R.T.: 0.004 min  
Response: 11577144  
Conc: 10.42 ng/ml



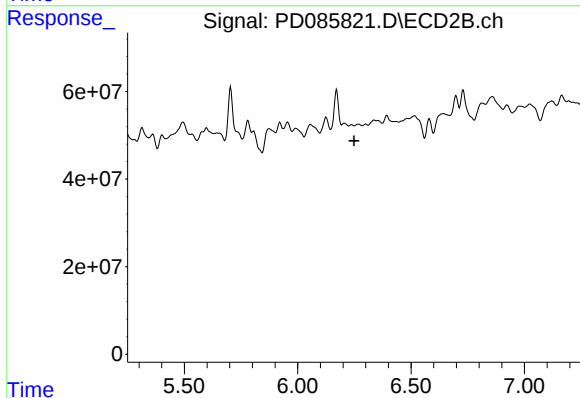
#17 4,4'-DDT

R.T.: 6.172 min  
Delta R.T.: -0.001 min  
Response: 70424727  
Conc: 16.11 ng/ml



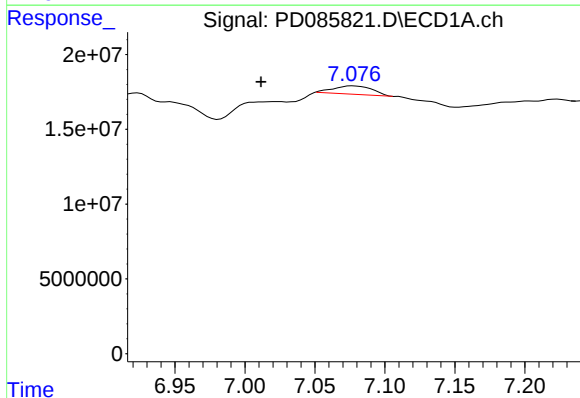
#18 Endrin aldehyde

R.T.: 6.807 min  
Delta R.T.: 0.028 min  
Response: 5347336  
Conc: 5.13 ng/ml



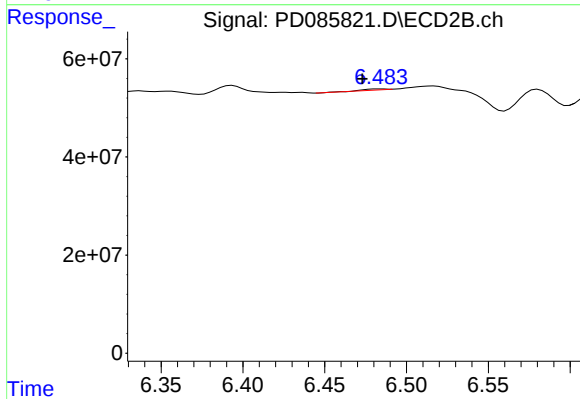
#18 Endrin aldehyde

R.T.: 6.237 min  
Delta R.T.: -0.012 min  
Response: -2114242  
Conc: N.D.



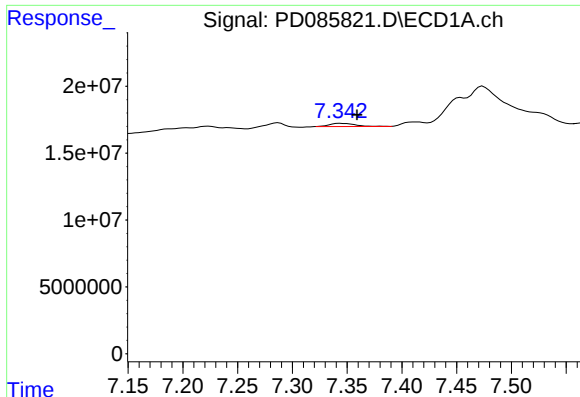
#19 Endosulfan Sulfate

R.T.: 7.078 min  
Delta R.T.: 0.066 min  
Response: 10463738  
Conc: 8.10 ng/ml



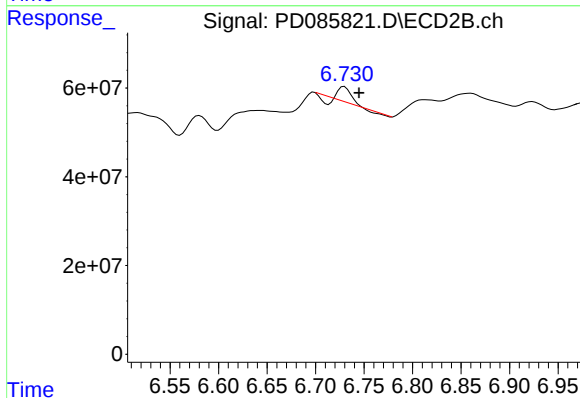
#19 Endosulfan Sulfate

R.T.: 6.484 min  
Delta R.T.: 0.011 min  
Response: 1689287  
Conc: 0.40 ng/ml



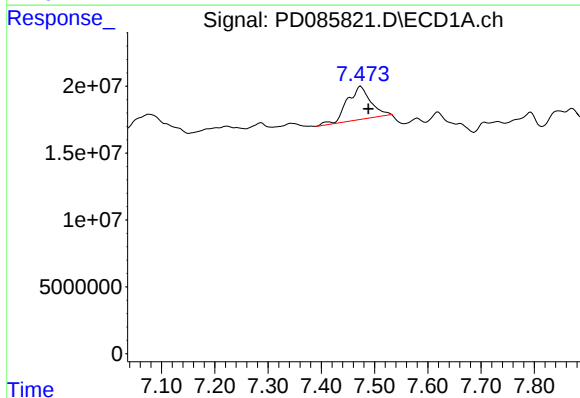
#20 Methoxychlor

R.T.: 7.346 min  
Delta R.T.: -0.014 min  
Response: 3872704  
Conc: 6.17 ng/ml



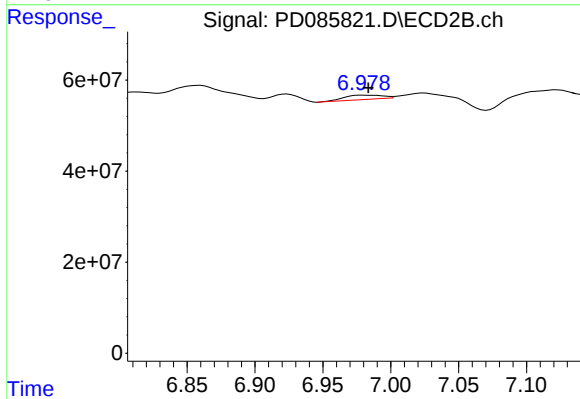
#20 Methoxychlor

R.T.: 6.730 min  
Delta R.T.: -0.015 min  
Response: 17515453  
Conc: 8.31 ng/ml



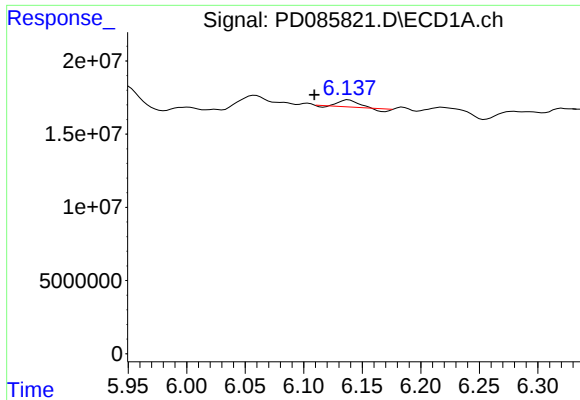
#21 Endrin ketone

R.T.: 7.474 min  
Delta R.T.: -0.014 min  
Response: 75869434  
Conc: 54.20 ng/ml



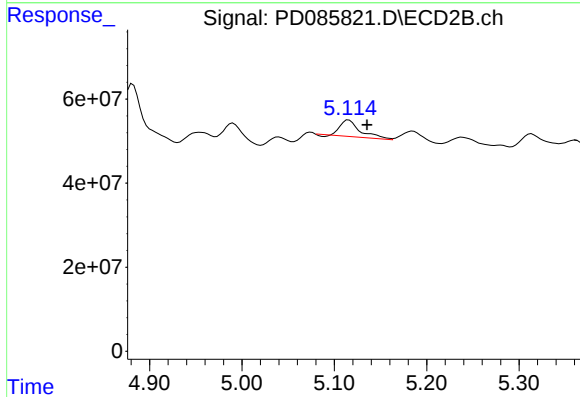
#21 Endrin ketone

R.T.: 6.980 min  
Delta R.T.: -0.004 min  
Response: 18048052  
Conc: 3.38 ng/ml



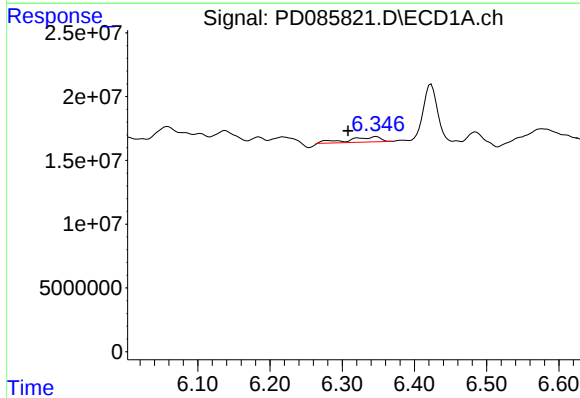
#22 Toxaphene-1

R.T.: 6.138 min  
Delta R.T.: 0.029 min  
Response: 3477000  
Conc: 363.17 ng/ml



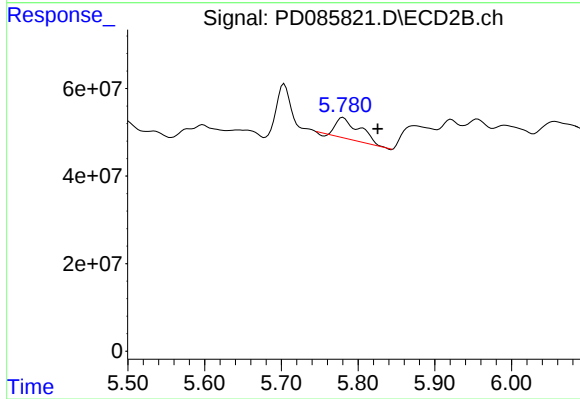
#22 Toxaphene-1

R.T.: 5.116 min  
Delta R.T.: -0.020 min  
Response: 58739534  
Conc: 1909.02 ng/ml



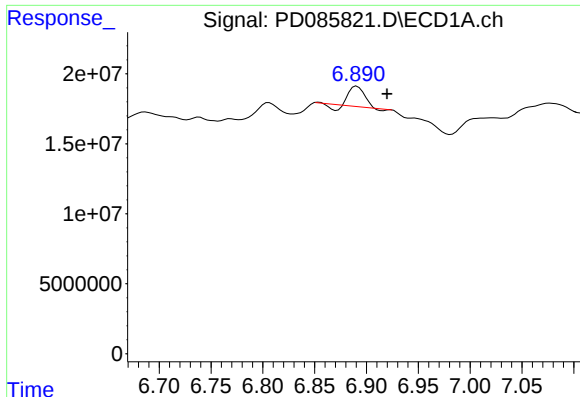
#23 Toxaphene-2

R.T.: 6.346 min  
Delta R.T.: 0.038 min  
Response: 10999546  
Conc: 738.38 ng/ml



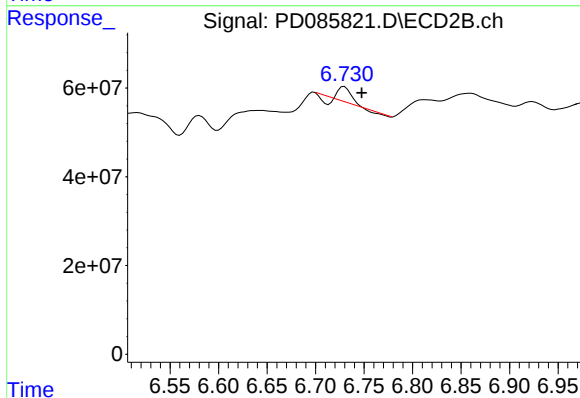
#23 Toxaphene-2

R.T.: 5.780 min  
Delta R.T.: -0.045 min  
Response: 94003712  
Conc: 2947.43 ng/ml



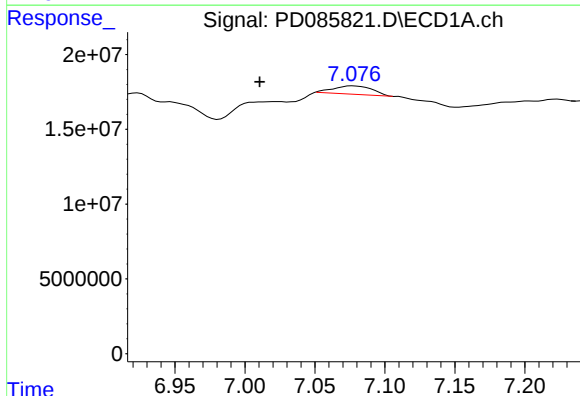
#24 Toxaphene-3

R.T.: 6.891 min  
Delta R.T.: -0.029 min  
Response: 11577144  
Conc: 297.30 ng/ml



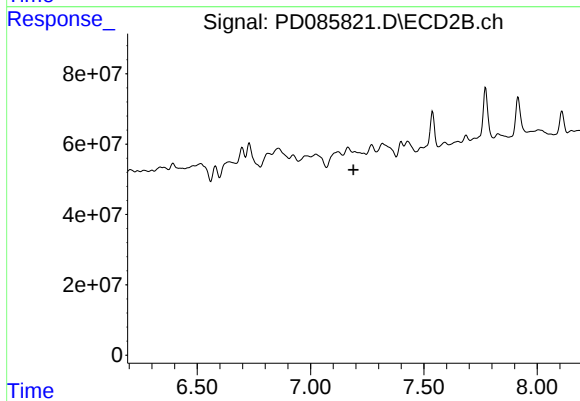
#24 Toxaphene-3

R.T.: 6.730 min  
Delta R.T.: -0.018 min  
Response: 17515453  
Conc: 161.72 ng/ml



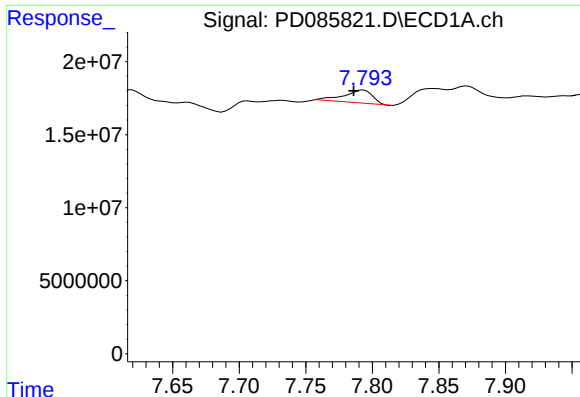
#25 Toxaphene-4

R.T.: 7.078 min  
Delta R.T.: 0.067 min  
Response: 10463738  
Conc: 371.43 ng/ml



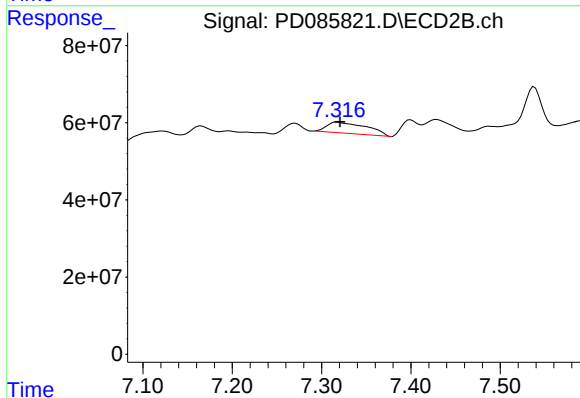
#25 Toxaphene-4

R.T.: 7.196 min  
Delta R.T.: 0.006 min  
Response: -8526893  
Conc: N.D.



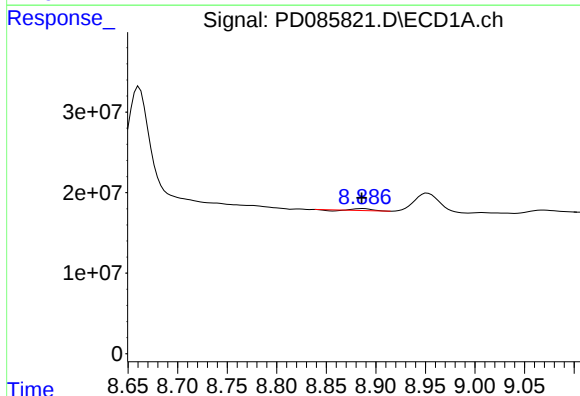
#26 Toxaphene-5

R.T.: 7.792 min  
Delta R.T.: 0.006 min  
Response: 13177158  
Conc: 597.87 ng/ml



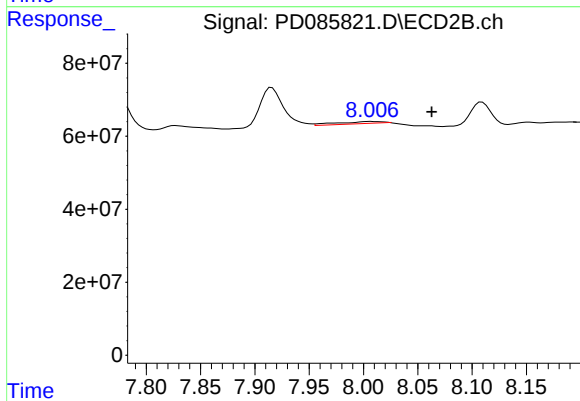
#26 Toxaphene-5

R.T.: 7.318 min  
Delta R.T.: -0.003 min  
Response: 89062627  
Conc: 1666.37 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.886 min  
Delta R.T.: 0.000 min  
Response: 1906215  
Conc: 1.29 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.007 min  
Delta R.T.: -0.056 min  
Response: 22184366  
Conc: 5.74 ng/ml